English/ Language Arts

1. Using the elements of persuasion you brought in today, get into a small group and identify and classify the elements used as well as the audience (age, gender, income, ethnicity, and education) as well as the intended purpose of the piece.
2. Sort known words as quickly as possible.
3. You have 40 pictures of objects in front of you. Create categories for the different pictures. When you are finished, tell me your rule and explain why you created the categories.

Mathematics

1. Explain how changes in the dimensions affect the area and perimeter of these two quadrilaterals.

1. Using the graph, predict how many teeth would be lost by all the 2nd grade classes in the school and justify your answer.
2. Evaluate the expression : 5n-4, for n = 1.2
   1. 2.0
   2. 2.2
   3. 5.8
   4. 56.0

Science

1. Describe the difference between a solid and a liquid. Give an example of each.
2. A company has hired you to use your design of park benches in their community project. You have been given a budget of $10,000 and asked to build as many park benches as possible using the most cost effective material that will be practice for year round use. Generate a proposal that includes the most expensive material, a medium cost material and the cheapest material. Include justifications for each of your proposals. Build a prototype for each of your proposed benches.
3. Using the chart provided, collect data on the temperature of the liquid as you heat it.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Mass of water (grams) | Initial temp. (∙C) | Final temp. (∙C) | Change in temp. (∙C) |
| Trial 1 |  |  |  |  |
| Trial 2 |  |  |  |  |
| Average |  |  |  |  |

Social Studies

1. Identify two examples of political conflict among individuals and groups in the United States during the colonial time period.
2. You are a citizen of Salem in 1692, during the Salem Witch Trials. With your fellow classmates, create and participate in a simulation of a mock trial.
3. Explain the causes and effects of the Revolutionary War.